

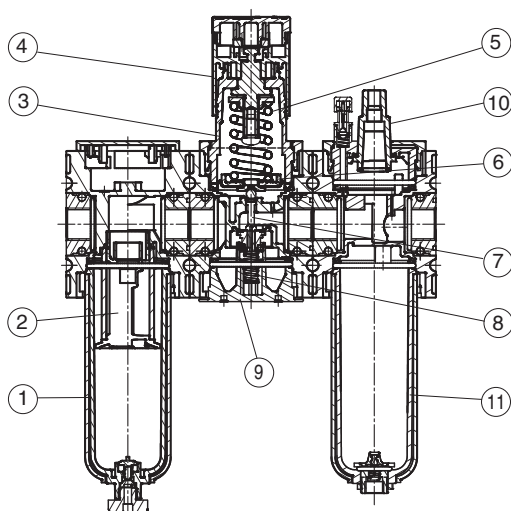
Service unit 3 part assemblies

FUTURA-SERIES

item	type	KS3U-238/* G	KS3U-212/* G
port size		G 3/8	G 1/2
description		sinter filter, centrifugal principle, Diaphragm-type pressure regulator with secondary air exhaust, Lubricator with automatic oil filling	
medium		compressed air, neutral gases	
mounting		vertical	
medium- and ambient temperature		max. 50 °C	
supply pressure		Pe max. 16 bar Pe min. 1,5 bar semi-automatic and fully automatic drain	
filter element		5 µm Standard	
bowl volume		filter: 49 cm³ , lubricator: 80 cm³	
drain model		semi-automatic	
reduced pressure	3	0,5 - 8 bar, 0,1-1 bar, 0,1-2 bar, 0,2-4 bar, 0,5-10 bar, 0,5-16 bar	
oil metering qv=1000 l/min		1 - 2 drops / min	
oil type		CL 32 standardized to DIN 51517 - ISO VG 32	
fixing		control panel installation, mounting bracket, wall mounting	
weight		1,350 kg	



Material: Grivory (PA66) / IXEF1022



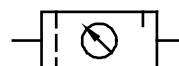
parts

(Service-Kit: ESA.2-1311)

no.	designation	material	order-no.
1	condensate bowl BE.2 HA4	polycarbonate	90002.0200
2	filter element 5µm C.22-26	Cellpor	5.2122.26.000
3	spring cage FH.2-600	POM	---
4	setting knob FH.2-625	POM	---
5	spring FED.2-703	galvanised steel	---
6	membrane C.22-75	brass-NBR-PA6	---
7	valve cone VK.2-420	brass-NBR	---
8	spring FED.2-720	stainless steel	---
9	cover with o-ring 37,5x2,5 DE.2-300 OR.0-5	POM NBR	---
10	dome assembly ESA.1-1312	polycarbonate	90001.1312
12	bowl BE.2 LUB	polycarbonate	90001.1312

application information

- Filter transmittance according to ISO 4003, glass bead test
- Setting knob can be locked by pressing downwards
- Regulator head lockable
- Can be filled with oil during operation



series 2

ordering information

KS3U - *** / * *

type

1 port size

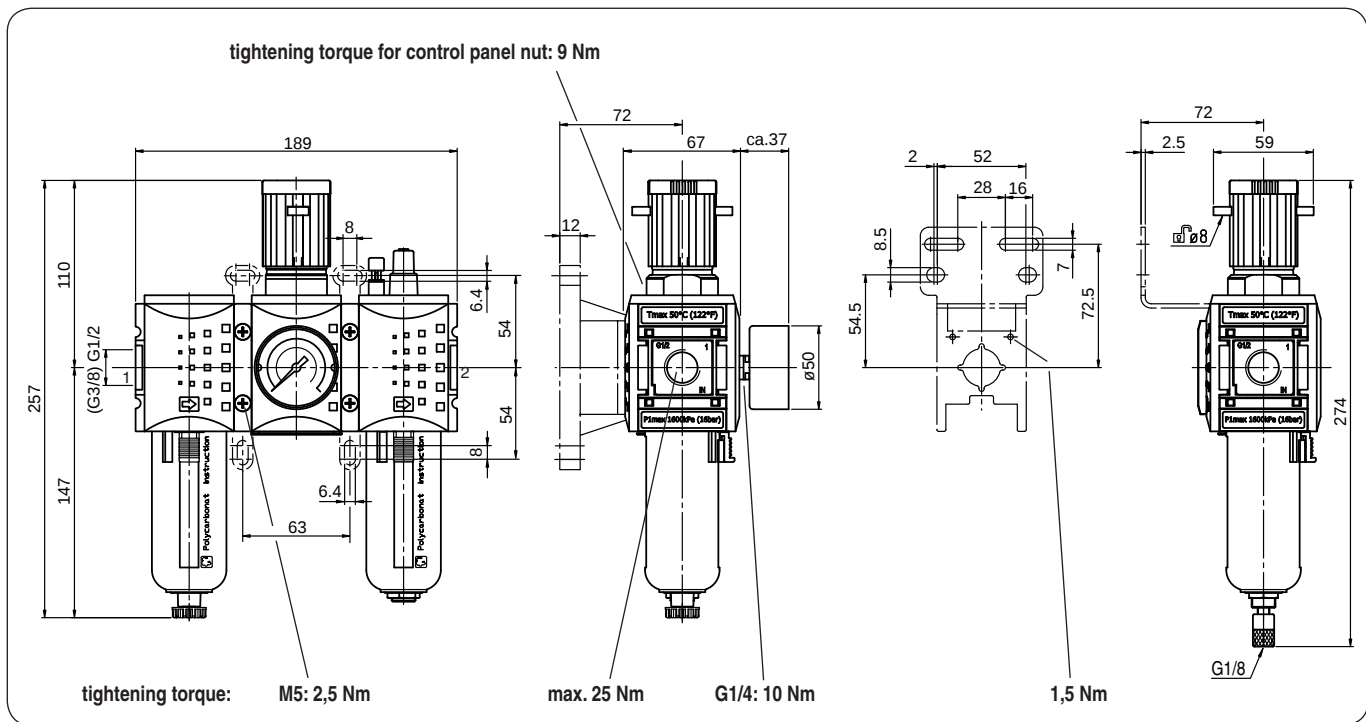
2 accessories

3 reduced pressure

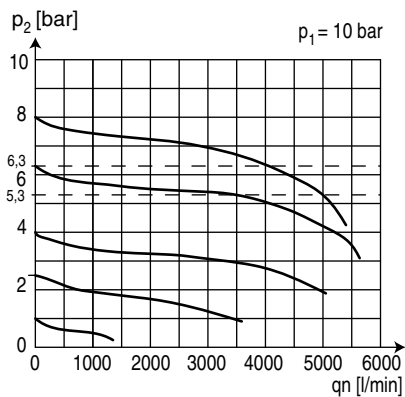
ordering example: KS3U-212/8 AM G

1	port size	
	238	G 3/8
	212	G 1/2
	238 NPT	3/8-18 NPT
	212 NPT	1/2-14 NPT
2	accessories (see reverse side)	
	S	control panel nut
	H	metal bowl with level indicator
	AM	fully automatic drain pressureless opend
	AM NC	fully automatic drain pressureless closed
3	reduced pressure (see item table)	
	e.g. 8	0,5 - 8 bar

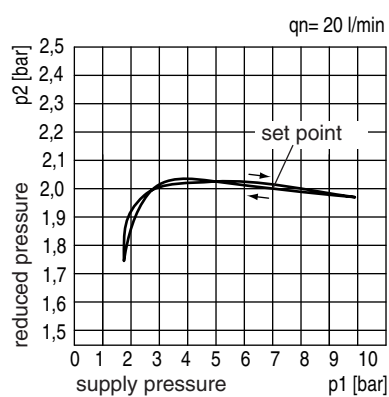
dimensions (mm)



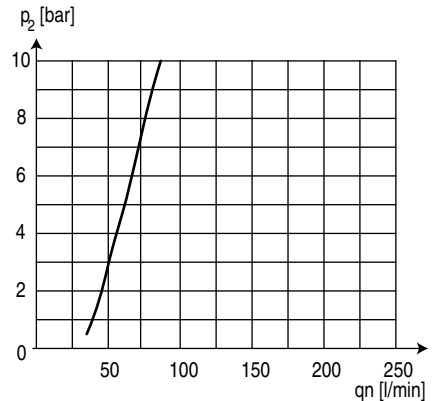
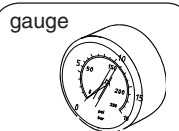
flow characteristic



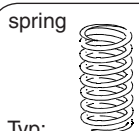
pressure characteristic



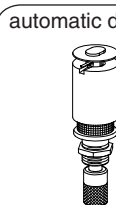
lubricator operating limit

**accessories** 2

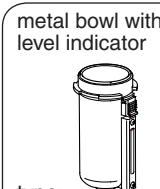
type: G 50.2,5 R
G 50.4 R
G 50.6 R
G 50.10 R
G 50.16 R
G 50.25 R



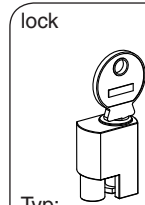
Typ: 
 0,1- 1: FED.2-700
 0,1- 2: FED.2-701
 0,2- 4: FED.2-702
 0,5- 8: FED.2-703
 0,5-10: FED.2-704
 0,5-16: FED.2-705



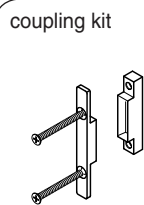
type: AM 10
AM 10 NC



type:
BE.2 H HA
BE.2 H AM
BE.2 H AM NC



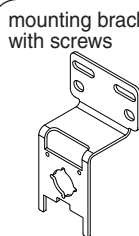
Typ:
VH.32 with key
VH.31 without key E11)



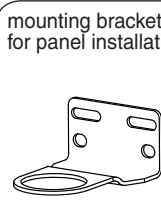
type: KKOP.2



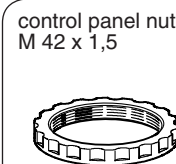
type: KKOP.2W



type: KBW.2-1225



type: KBW.2-1227



type: SM.2